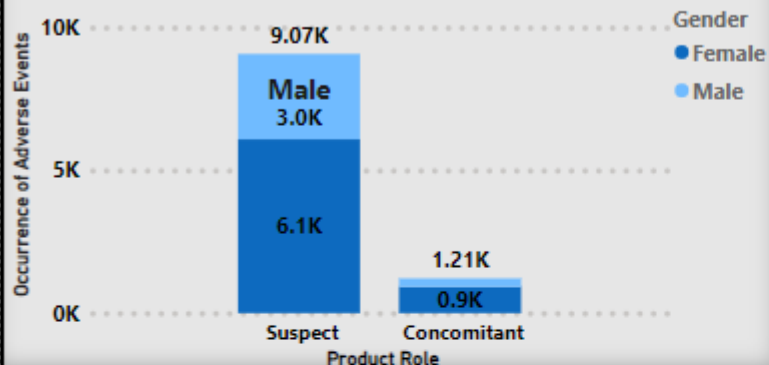


Report: Adverse Event Report Dashboard

Adverse Events by Product Roles & Gender



Coded Symptoms: All

- ☐ ABASIA, ARTHRALGIA
- ☐ ABASIA, DEHYDRATION, CARDIAC EN...
- ☐ ABASIA, FATIGUE, HYPERSENSITIVITY
- ☐ ABASIA, FATIGUE, MUSCULAR WEAK...

Age_Group

0-10

11-20

21-30

31-40

Industry Name

Alcoholic Beverage

Baby Food Prod

Bakery...

Beverage...

Candy W/O...

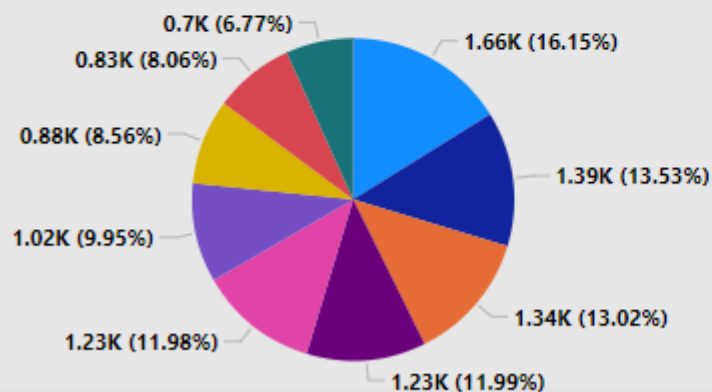
Cereal Prep/Breakfast Food

Cheese/Cheese Prod

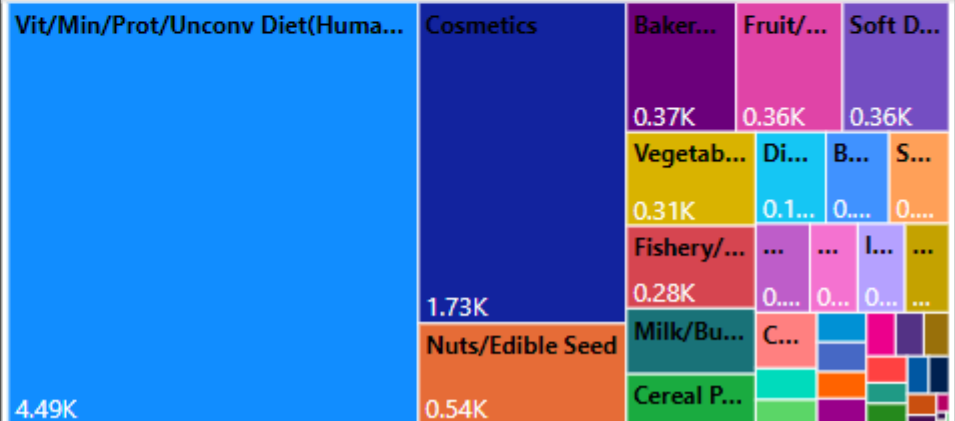
Choc/Cocoa Prod

Coffee/Tea

Coded Symptoms by Age_Group

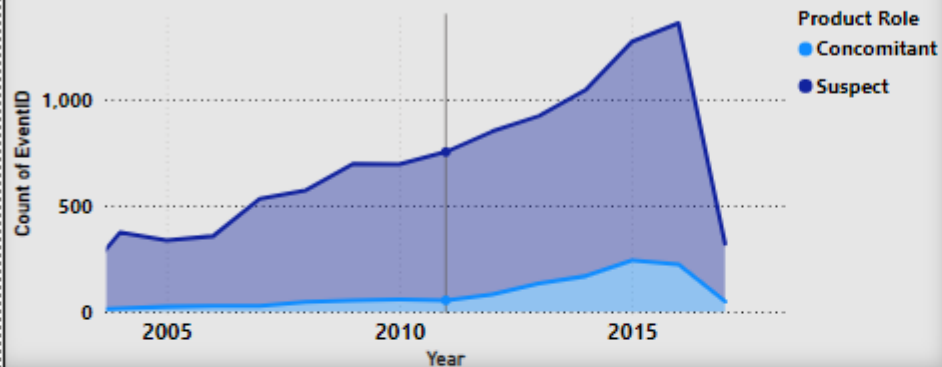


Industry Name by Total Adverse Events



Report: Time-Based Reporting Trends

Adverse Event Occurred by Year and Product Role



Product Role

Concomitant

Suspect

First Product Role by Gender

Female

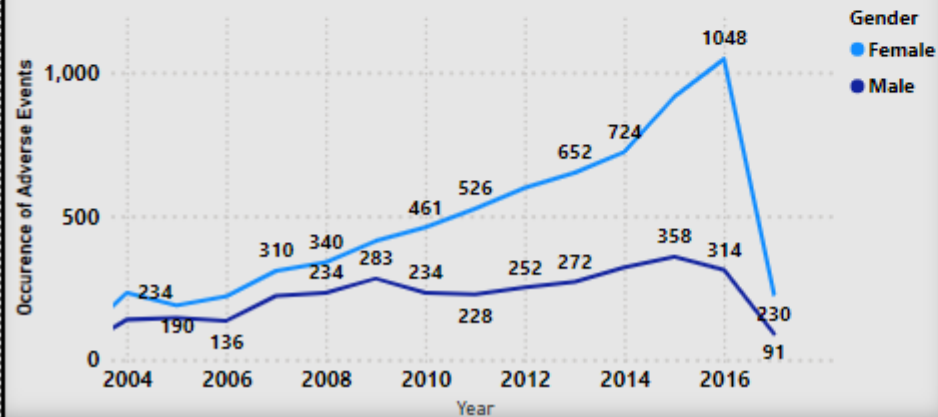
Male

Year Span Filter

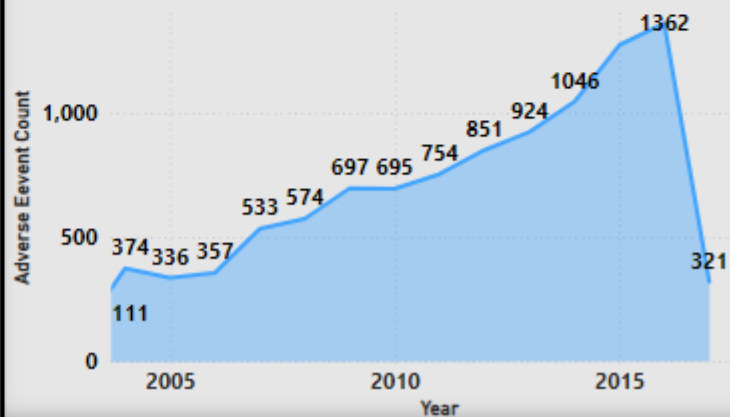
1950

2017

Total Adverse Event Over Time by Gender



Time Series Analysis of Reports



Report: Adverse Event Reporting

45.38

Average of Age at
Adverse Event

48

Median of Age at
Adverse Event

25.11

Standard deviation of
Age at Adverse Event

Age_Group

0-10

11-20

21-30

31-40

Product Role

Concomitant

Suspect

Coded Symptoms

ABASIA, ARTHRALGIA

ABASIA, DEHYDRATIO...

ABASIA, FATIGUE...

ABASIA, FATIGUE...

ABASIA, LOCAL...

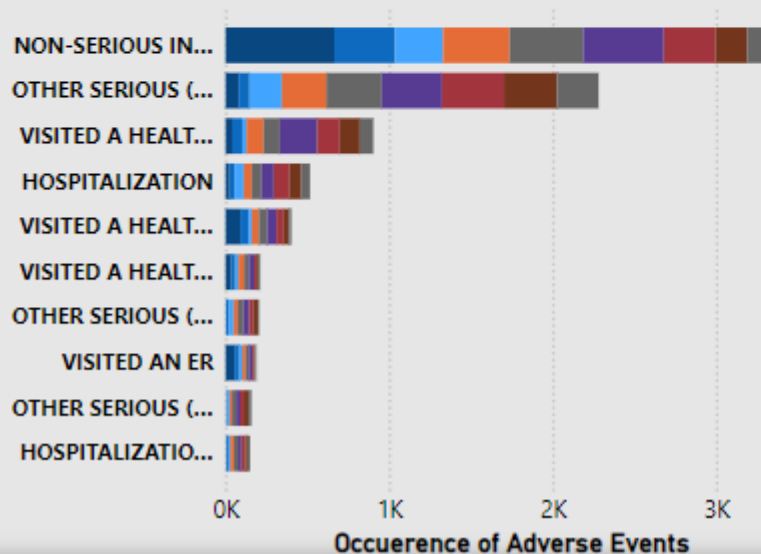
ABASIA, OVERDOSE...

ABASIA, THERAPEUTI...

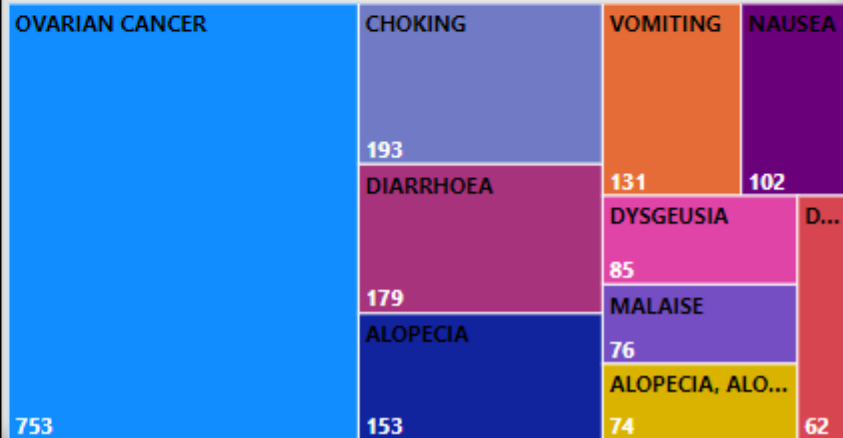
ABASIA, VOMITING...

ABDOMINAL...

Count of EventID by Outcomes and Age_Group



Adverse Event By Symptoms



Kye-Insights and Storytelling

1: Adverse Event Reporting Dashboard insights and Storytelling:

1- The outcome of "Non-serious Injuries/Illness" is the most frequently reported adverse event across all age groups, with the 0-10 age group showing the highest number of these reports.

2- Ovarian Cancer appears as the most frequently reported symptom associated with adverse events, given its largest size on the tree map.

Gastrointestinal symptoms such as Diarrhea, Nausea and Vomiting are also commonly reported, as indicated by the significant size of their respective blocks in the tree map.

2: Adverse Event Trends key insights and Storytelling:

1- Adverse event reports for females have shown an increasing trend over time, peaking sharply around 2016 before a significant drop is observed.

2- Male adverse event reports have remained relatively stable and consistently lower than females throughout the years.

3- Adverse event reports have shown (in dashboard trend analysis) an increasing trend over time, peaking sharply around 2016 before a significant drop is observed.

3: Industry and Outcome Correlation Visualization :

1- Valuable insights from the graph for gender (male & female), it is clearly say that female gender has the highest count is 6.1k of occurrences of adverse event in both of the product roles.

2- We have calculated the relation between age group and coded symptoms that is, the age between 51-60 has high number of ovarian cancer detected and also it has overall coded symptoms is also high count.

3- Animal, Diet, Protein, Vitamins, Minerals and Human are the most prominent category, suggesting that industries associated with animal products, dietary supplements, and human-related products have a higher frequency of adverse events. Cosmetics, Food and Vegetable products, which also seem to have a notable number of adverse events associated with them, though to a lesser extent than the largest